TOPICAL INDEX
HERPETOLOGICA
Volume 39 December 1983

ACOUSTIC INTERFERENCE, *Hyla ebraccata* (response to background noise) 121–129.

ALLOZYMES, *Bufo americanus, B. hemiophrys* (hybrid zone) 28–40; *Plethodon kentucki* (confirmation of species status) 189–200; 3 spp. *Eumeces* (phylogenetic relationships) 200–211.

AUTOTOMY, 12 spp. lizards (relationship to foraging and predator escape modes) 151–162; *Phyllodactylus marmoratus* (autotomy enhances running) 162–165.

BEHAVIOR, *Rhabdophis tigrinus* (death-feigning) 78–80; *Hyla ebraccata* (acoustic response to background noise) 121–129; *Hyla chrysocelis* (calling) 141–146; 12 spp. lizards (autotomy) 151–162; *Phyllodactylus marmoratus* (autotomy enhances running) 162–165; *Emydoidea blandingi* (courtship) 166–173; 25 spp. frogs (vocalizations) 235–246; *Heloderma suspectum* (movements, foraging) 247–253; *Crotalus horridus* (scent-trailing) 430–436; *Geochelone elephantopus* (agonism) 448–456.

BIOGEOGRAPHY, *Flectonotus, Fritziana* (phylogenetic relationships) 333–359; 21 spp. reptiles (Paleocene-Eocene fauna) 359–374.

BODY SIZE, *Pseudemys scripta* (relationship to reproductive characteristics) 147–151; *Kinosternon subrubrum* (relation to life history characteristics) 254–271; plethodontid salamanders (integration of ecology and physiology) 291–310; iguanine lizards (status of knowledge) 317–328; *Emydoidea blandingi* (relationship to reproductive characteristics) 417–429.

CLOACA, 13 spp. desmognathines (anatomy) 16–27.

COLORATION, *Gastrotheca aureomaculata* (polychromatism) 105–110; *Desmognathus ochrophaeus* (inheritance of cheek and leg color) 114–120.

COMMUNAL DENNING, *Crotalus horridus* (scent-trailing) 430–436.

CONSERVATION, iguanine lizards (status of knowledge) 317–328.

COURTSHIP, *Emydoidea blandingi* (description) 166–173.

DEATH-FEIGNING, *Rhabdophis tigrinus* (behavior patterns) 78–80.

DEVELOPMENTAL BIOLOGY, *Flectonotus, Fritziana* (egg brooding) 333–359.

DIET, 5 spp. xenodontines (anuran specialists) 52–66; *Ambystoma, Notophthalmus, Rana, Hyla* (predator-prey relationships among larvae) 67–75; *Uromacer frenatus* (responses to prey extracts) 75–77; *Ranidella signifera, R. parinsignifera* (trophic relationships) 130–140; *Heloderma suspectum* (foraging strategy) 247–253; *Pseudemys scripta* (ontogenetic dietary and habitat shift) 285–290; *Liolaemus magellanicus* (herbivorous) 457–461.

DIMORPHISM, 5 spp. xenodontines (sexual dimorphism) 52–66; *Kinosternon subrubrum* (sexual dimorphism in shell characteristics) 254–271; *Graptemys caglei, G. versa* (sexual dimorphism in skeletal features) 375–382; *Geochelone elephantopus* (shell comparisons among sexes, saddle-backed, and dome-shelled forms) 448–456; *Liolaemus magellanicus* (color dimorphism) 457–461.

DISTRIBUTION MAPS, *Plethodon larselli* 42; 12 spp. *Bolitoglossa* 88; *Egernia modesta, E. whitii* 101; *Gastrotheca aureomaculata* 106; *Plethodon kentucki* 190; *Rana lessonae* 228; *Kinosternon subrubrum* 264; *Flectonotus* spp. 348; *Fritziana* spp. 350; *Kinosternon bauri* 387; *Emydoidea blandingi* 419; *Caretta caretta* 438.

EGG, squamates (oviparity-viviparity continuum) 1–8; 5 spp. xenodontines (egg size) 52–66; *Pseudemys scripta* (relationship of egg and clutch measures to body size) 147–151; *Kinosternon subrubrum* (incubation and hatchling emergence) 254–271; *Chelydra serpentina* (effects of hydric environment on growth of embryo) 272–285; *Flectonotus, Fritziana* (egg brooding) 333–359.

ELECTROPHORESIS, *Bufo americanus, B. hemiophrys* (hybridization) 28–40; *Plethodon larselli* (genetic variation) 41–47; 12 spp. *Bolitoglossa* (phylogeny) 85–99; *Egernia modesta, E. whitii* (specific distinctness) 100–105; *Plethodon kentucki* (confirmation of species status) 189–200; 3 spp. *Eumeces* (phylogenetic relationships) 200–211; *Hyla versicolor* (origin from *H. chrysocelis*) 212–225; *Phelsuma* (biochemistry of keratin) 399–410; *Cnemidophorus laredoensis* (origin of species inferred from mitochondrial DNA analysis) 410–416.

EMBRYO, squamates (oviparity-viviparity continuum) 1–8; *Chelydra serpentina* (effects of hydric environment on growth) 272–285; *Flectonotus, Fritziana* (developmental biology) 333–359.

ENERGETICS, plethodontid salamanders (integration of ecology and physiology) 291–310; iguanine lizards (status of knowledge) 317–328.

FEEDING ECOLOGY, 5 spp. xenodontines (resource partitioning) 52–66; *Ambystoma, Notophthalmus, Rana, Hyla* (predator-prey size relationships among larvae) 67–75; *Ranidella signifera, R. parinsignifera* (trophic relationships) 130–140; 12 spp. lizards (relationship of tail loss and foraging mode) 151–162; *Heloderma sus-*

pectum (foraging strategy) 247–253; *Pseudemys scripta* (ontogenetic dietary and habitat shift) 285–290; iguanine lizards (status of knowledge) 317–328.
GAS EXCHANGE, plethodontid salamanders (integration of ecology and physiology) 291–310.
GENETICS, *Bufo americanus, B. hemiophrys* (hybridization) 28–40; *Plethodon larselli* (variation) 41–47; 12 spp. *Bolitoglossa* (protein variation) 85–99; *Desmognathus ochrophaeus* (inheritance of cheek and leg color) 114–120; *Plethodon kentucki* (geographic variation) 189–200; 3 spp. *Eumeces* (phylogenetic relationships) 200–211; *Hyla versicolor* (origin from *H. chrysocelis*) 212–225.
GEOGRAPHIC LOCALITIES
Arizona, *Heloderma suspectum* 247–253.
Australia, *Ranidella signifera, R. parinsignifera* 130–140; *Phyllodactylus marmoratus* 162–165.
Brazil, 5 spp. xenodontines 52–66; 12 spp. lizards 151–162; 25 spp. frogs 235–246; *Elachistocleis piauiensis* 390–394.
Canada (Manitoba), *Bufo americanus, B. hemiophrys* 28–40.
Chile, *Telmatobufo venustus* 111–113; *Liolaemus magellanicus* 457–461.
Columbia, *Gastrotheca aureomaculata* 105–110.
Georgia, *Desmognathus ochrophaeus* 114–120; *Pseudemys scripta* 147–151; *Caretta caretta* 436–447.
Guatemala, 12 spp. *Bolitoglossa* 85–99.
Haiti, *Uromacer frenatus* 75–77.
Honduras, 12 spp. *Bolitoglossa* 85–99.
Italy, *Rana lessonae* 225–234.
Japan, *Rhabdophis tigrinus* 78–80.
Kansas, *Hyla chrysocelis* 141–146.
Kentucky, *Plethodon kentucki* 189–200.
Louisiana, *Pseudemys scripta* 285–290.
Mexico, 12 spp. *Bolitoglossa* 85–99.
Michigan, *Emydoidea blandingi* 166–173, 417–429.
New York, 6 spp. larval amphibians 67–75; *Crotalus horridus* 430–436.
North Carolina, *Desmognathus ochrophaeus* 114–120.
Oregon, *Plethodon larselli* 41–47.
Panama, *Hyla ebraccata* 121–129.
South America, *Flectonotus, Fritziana* 333–359.
South Carolina, *Pseudotriton ruber* 48–52; *Pseudemys scripta* 147–151; *Kinosternon subrubrum* 254–271; *Kinosternon bauri* 383–390.
Virginia, *Plethodon kentucki* 189–200.
Washington, *Plethodon larselli* 41–47.
West Virginia, *Plethodon kentucki* 189–200.
Wyoming, 21 spp. reptiles 359–374.
GLANDS, 13 spp. desmognathines (male cloacal glands) 16–27.
GROWTH, *Pseudotriton ruber* (larvae) 48–52; 5 spp. xenodontines (rapid growth) 52–66; *Kinosternon subrubrum* (growth rates, size at maturity) 254–271; *Chelydra serpentina* (embryo) 272–285.
HABITAT, 25 spp. frogs (comparison of calls of open and forest habitat species) 235–246; *Pseudemys scripta* (habitat shift with size) 285–290; *Liolaemus magellanicus* (distribution) 457–461.
HERBIVORY, iguanine lizards (status of knowledge) 317–328.
HYBRIDIZATION, *Bufo americanus, B. hemiophrys* (allozyme variation in a narrow hybrid zone) 28–40; *Cnemidophorus laredoensis* (hybrid origin) 410–416.
IMMUNOLOGY, *Rana lessonae* (geographic variation) 225–234.
ISOELECTRIC FOCUSSING, *Phelsuma* (biochemistry of keratin) 399–410.
LARVAE, *Pseudotriton ruber* (growth and metamorphosis) 48–52; *Ambystoma, Notophthalmus, Rana, Hyla* (predator-prey relationships) 67–75; *Telmatobufo venustus* (description) 111–113; *Flectonotus, Fritziana* (description) 333–359.
LIFE HISTORY, *Pseudotriton ruber* (growth, metamorphic size, larval period) 48–52; 5 spp. xenodontines (size and age at maturity, growth, sexual dimorphism, clutch size and frequency, egg size) 52–66; *Kinosternon subrubrum* (body size, growth rates, age at maturity, population structure, sex ratios, clutch size and frequency, survivorship, longevity) 254–271; iguanine lizards (status of knowledge) 317–328; *Emydoidea blandingi* (clutch size and frequency, nest survivorship, hatching success) 417–429; *Caretta caretta* (survivorship, longevity) 436–447.
LUNGLESSNESS, plethodontid salamanders (integration of ecology and physiology) 291–310.
MARK-RECAPTURE, *Hyla chrysocelis* (male mating success) 141–146; *Kinosternon subrubrum* (reproduction and ecology) 254–271; *Emydoidea blandingi* (nesting ecology) 417–429; *Caretta caretta* (survivorship, tag-loss) 436–447.
MATING SUCCESS, *Hyla chrysocelis* (relation of body size and male success) 141–146.
MICROCOMPLEMENT FIXATION, *Rana lessonae* (immunological survey) 225–234.
MITOCHONDRIAL DNA, *Cnemidophorus laredoensis* (origin of species) 410–416.
MORPHOLOGY, *Eurycea quadridigitata* (spermatheca) 9–15; 13 spp. desmognathines (male cloacas) 16–27; *Egernia modesta, E. whitii* (relationship of morphological and protein differences) 100–105; *Telmatobufo venustus* (description of tadpole) 111–113; *Graptemys caglei, G. versa* (skeletal comparison) 375–382; *Geochelone elephantopus* (shell comparisons among sexes, saddle-backed, and dome-shelled forms) 448–456.
MOVEMENTS, *Heloderma suspectum* (relationships to various aspects of ecology) 247–253.
NEONATES, *Uromacer frenatus* (responses to prey extracts) 75–77; *Crotalus horridus* (scent-trailing) 430–436; *Liolaemus magellanicus* (description) 457–461.
NESTING ECOLOGY, *Emydoidea blandingi* (nest location and survivorship, hatching success and emergence) 417–429.

OSTEOLOGY, *Graptemys caglei, G. versa* (skeletal comparison) 375–382; *Anarbylus switaki* (cladistic analysis) 394–399.
OVIPARITY, squamates (oviparity-viviparity continuum) 1–8.
PALEOCENE-EOCENE, 21 spp. reptiles (fauna) 359–374.
PARTHENOGENESIS, *Cnemidophorus laredoensis* (origin of species) 410–416.
PHYLOGENY, 12 spp. *Bolitoglossa* (protein variation) 85–99; 3 spp. *Eumeces* (cladistic relationships) 200–211; *Flectonotus, Fritziana* (phylogenetic relationships) 333–359; *Anarbylus switaki* (cladistic relationships to *Coleonyx*) 394–399.
POLYMORPHISM, *Gastrotheca aureomaculata* (polychromatism) 105–110; *Desmognathus ochrophaeus* (inheritance of cheek and leg color) 114–120.
POLYPLOIDY, *Hyla versicolor* (origin from *H. chrysocelis*) 212–225.
PREDATION, *Emydoidea blandingi* (nest predation) 417–429.
REPRODUCTION, squamates (oviparity-viviparity continuum) 1–8; *Eurycea quadridigitata* (testicular and ovarian cycles, spermatheca anatomy) 9–15; 5 spp. xenodontines (clutch size and frequency, egg size, seasonality, size at maturity) 52–66; *Hyla chrysocelis* (male mating success) 141–146; *Pseudemys scripta* (relationship of body size with egg and clutch measures) 147–151; *Emydoidea blandingi* (courtship) 166–173; *Thamnophis sirtalis* (effects of temperature on sexual receptivity and ovarian recrudescence) 173–182; *Kinosternon subrubrum* (clutch size and frequency, incubation and hatchling emergence) 254–271; *Chelydra serpentina* (embryonic growth) 272–285; *Flectonotus, Fritziana* (egg brooding) 333–359; *Emydoidea blandingi* (clutch size, nesting, emergence) 417–429; *Liolaemus magellanicus* (clutch size, size at maturity, relative clutch mass) 457–461.
RESOURCE PARTITIONING, 5 spp. xenodontines (feeding and reproductive ecology) 52–66; *Ranidella signifera, R. parinsignifera* (feeding ecology) 130–140.
RUNNING, *Phyllodactylus marmoratus* (autotomy enhances running) 162–165.
SCENT-TRAILING, *Crotalis horridus* (neonates) 430–436.
SOCIAL BEHAVIOR, Iguanine lizards (status of knowledge) 317–328; *Geochelone elephantopus* (agonism) 448–456.
SPERMATHECA, *Eurycea quadridigitata* (seasonal variation in anatomy) 9–15.
SURVIVORSHIP, *Kinosternon subrubrum* (young and adults) 254–271; *Emydoidea blandingi* (nests) 417–429; *Caretta caretta* (nesting females) 436–447.
SYSTEMATICS, *Bufo americanus, B. hemiophrys* (hybrid zone) 28–40; *Plethodon larselli* (genetic variation) 41–47; 12 spp. *Bolitoglossa* (phylogeny) 85–99; *Egernia modesta, E. whitii* (specific distinctness) 100–105; *Gastrotheca aureomaculata* (relationships of color morphs) 105–110; *Telmatobufo venustus* description of tadpole) 111–113; *Plethodon kentucki* (electrophoretic analysis) 189–200; 3 spp. *Eumeces* (phylogenetic relationships) 200–211; *Hyla versicolor* (origin from *H. crysocelis*) 212–225; *Rana lessonae* (geographic immunological variation) 225–234; *Flectonotus, Fritziana,* (phylogenetic relationships) 333–359; 21 spp. reptiles (Paleocene-Eocene fauna) 359–374; *Graptemys caglei, G. versa* (morphological comparison) 375–382; *Kinosternon bauri* (presence in South Carolina) 383–390; *Elachistocleis piauiensis* (n. sp.) 390–394; *Anarbylus switaki* (reevaluation) 394–399; *Phelsuma* (systematic value of keratin biochemistry) 399–410.
TAIL, 12 spp. lizards (relationship of autotomy to foraging and predator escape modes) 151–162; *Phyllodactylus marmoratus* (autotomy enhances running) 162–165.
TEMPERATURE, *Thamnophis sirtalis* (effects on sexual receptivity and ovarian recrudescence) 173–182; plethodontid salamanders (integration of ecology and physiology) 291–310; *Liolaemus magellanicus* (field body temperatures) 457–461.
VITELLOGENESIS, *Thamnophis sirtalis* (effects of temperature and mating) 173–182.
VIVIPARITY, squamates (oviparity-viviparity continuum) 1–8.
VOCALIZATIONS, *Hyla ebraccata* (acoustic response to background noise) 121–129; *Hyla chrysocelis* (male mating success) 141–146; 25 spp. frogs (comparison of calls from open and forest habitat species) 235–246; *Flectonotus, Fritziana* (description) 333–359.
WATER, *Chelydra serpentina* (effects of hydric environment on growth) 272–285; plethodontid salamanders (integration of ecology and physiology) 291–310.

HERPETOLOGICA

Volume 39 December 1983

TABLE OF CONTENTS

Announcements 82, 187, 329, 462
Annual Financial Statement 466
Baker, Randy E. and James C. Gillingham
An Analysis of Courtship Behavior in Blanding's Turtle, *Emydoidea blandingi* 166
Bartels, William S.
A Transitional Paleocene-Eocene Reptile Fauna from the Bighorn Basin, Wyoming 359
Bertl, Jeff and Flavius C. Killebrew
An Osteological Comparison of *Graptemys caglei* Haynes and McKown and *Graptemys versa* Stejneger (Testudines: Emydidae) 375
Binder, Mary H. (see Henderson, Robert W.)
Boardman, Thomas J. (see Morris, Karen A.)
Bona-Gallo, Antonella and Paul Licht
Effects of Temperature on Sexual Receptivity and Ovarian Recrudescence in the Garter Snake, *Thamnophis sirtalis parietalis* 173
Book Reviews 81, 183, 311, 462
Breitenbach, Gary L. (see Congdon, Justin D.)
Brodie, Edmund D., Jr. and Daniel R. Formanowicz, Jr.
Prey Size Preference of Predators: Differential Vulnerability of Larval Anurans 67
Brown, Wesley M. (see Wrig't, John W.)
Brown, William S. and Frances M. MacLean
Conspecific Scent-Trailing by Newborn Timber Rattlesnakes, *Crotalus horridus* 430
Burghardt, Gordon M. (see Henderson, Robert W.)
Caramaschi, Ulisses and Jorge Jim
A New Microhylid Frog, Genus *Elachistocleis* (Amphibia, Anura), from Northeastern Brasil 390
Congdon, Justin D., Donald W. Tinkle, Gary L. Breitenbach, and Richard C. van Loben Sels
Nesting Ecology and Hatching Success in the Turtle *Emydoidea blandingi* 417
Congdon, Justin D. and J. Whitfield Gibbons
Relationships of Reproductive Characteristics to Body Size in *Pseudemys scripta* 147
Cooper, William E. (see Murphy, Robert W.)
Daniels, Christopher B.
Running: An Escape Strategy Enhanced by Autotomy 162
Diaz, N., M. Sallaberry, and H. Nuñez
The Tadpole of *Telmatobufo venustus* (Anura: Leptodactylidae) with a Consideration of Generic Relationships 111
Duellman, William E.
Gastrotheca aureomaculata: Systematic Resolution of a Case of Intrapopulational Polychromatism in a Hylid Frog 105
Duellman, William E. and Peter Gray
Developmental Biology and Systematics of the Egg-Brooding Hylid Frogs, Genera *Flectonotus* and *Fritziana* 333
Feder, Martin E.
Integrating the Ecology and Physiology of Plethodontid Salamanders 291
Formanowicz, Daniel R., Jr. (see Brodie, Edmund D., Jr.)
Frazer, Nat B.
Survivorship of Adult Female Loggerhead Sea Turtles, *Caretta caretta* Nesting on Little Cumberland Island, Georgia, USA 436
Gibbons, J. Whitfield
Reproductive Characteristics and Ecology of the Mud Turtle, *Kinosternon subrubrum* (Lacepede) 254

Gibbons, J. Whitfield (see Congdon, Justin D.)
Giddings, Michael R. (see Thorpe, Roger S.)
Gillingham, James C. (see Baker, Randy E.)
Godwin, Gregory J. and Steven M. Roble
Mating Success in Male Treefrogs, *Hyla chrysoscelis* (Anura: Hylidae) 141
Gray, Peter (see Duellman, William E.)
Green, David M.
Allozyme Variation through a Clinal Hybrid Zone Between the Toads *Bufo americanus* and *B. hemiophrys* in Southeastern Manitoba 28
Grismer, L. Lee
A Reevaluation of the North American Gekkonid Genus *Anarbylus* Murphy and Its Cladistic Relationships to *Coleonyx* Gray 394
Hart, Donald R.
Dietary and Habitat Shift with Size of Red-eared Turtles (*Pseudemys scripta*) in a Southern Louisiana Population 285
Henderson, Robert W., Mary H. Binder, and Gordon M. Burghardt
Responses of Neonate Hispaniolan Vine Snakes (*Uromacer frenatus*) to Prey Extracts 75
Highton, Richard and John R. MacGregor
Plethodon kentucki Mittleman: A Valid Species of Cumberland Plateau Woodland Salamander 189
Howard, James H., Richard L. Wallace, and John H. Larsen, Jr.
Genetic Variation and Population Divergence in the Larch Mountain Salamander (*Plethodon larselli*) 41
Hughes, J. M. (see Milton, D. A.)
Index to Scientific Names for Volume 39 469
Jaksić, Fabian M. and Kurt Schwenk
Natural History Observations on *Liolaemus magellanicus*, the Southernmost Lizard in the World 457
Jim, Jorge (see Caramaschi, Ulisses)
Jones, K. Bruce
Movement Patterns and Foraging Ecology of Gila Monsters (*Heloderma suspectum* Cope) in Northwestern Arizona 247
Killebrew, Flavius C. (see Bertl, Jeff)
Kilpatrick, C. William (see Ralin, Dennis B.)
Krekorian, C. O'Neil (see Schafer, Susan F.)
Labanick, George M.
Inheritance of the Red-leg and Red-cheek Traits in the Salamander *Desmognathus ochrophaeus* 114
Lamb, Trip
The Striped Mud Turtle (*Kinosternon bauri*) in South Carolina, a Confirmation Through Multivariate Character Analysis 383
Larsen, John H., Jr. (see Howard, James H.)
Larson, Allan
A Molecular Phylogenetic Perspective on the Origins of a Lowland Tropical Salamander Fauna I. Phylogenetic Inferences from Protein Comparisons 85
Licht, Paul (see Bona-Gallo, Antonella)
MacGregor, John R. (see Highton, Richard)
MacLean, Frances M. (see Brown, William S.)
MacNally, Ralph C.
Trophic Relationships of Two Sympatric Species of *Ranidella* (Anura) 130
Mather, P. B. (see Milton, D. A.)
Milton, D. A., J. M. Hughes, and P. B. Mather
Electrophoretic Evidence for the Specific Distinctness of *Egernia modesta* and *E. whitii* (Lacertilia: Scincidae) 100
Morris, Karen A., Gary C. Packard, Thomas J. Boardman, Gary L. Paukstis, and Mary J. Packard
Effect of the Hydric Environment on Growth of Embryonic Snapping Turtles (*Chelydra serpentina*) 272
Murphy, Robert W., William E. Cooper, Jr., and William S. Richardson
Phylogenetic Relationships of the North American Five-lined Skinks, Genus *Eumeces* (Sauria: Scincidae) 200

Mutoh, Akio
Death-Feigning Behavior of the Japanese Colubrid Snake *Rhabdophis tigrinus* 78
Nomenclatural Notices 84, 329
Nuñez, H. (see Diaz, N.)
Packard, Gary C. (see Morris, Karen A.)
Packard, Mary J. (see Morris, Karen A.)
Paukstis, Gary L. (see Morris, Karen A.)
Ralin, Dennis B., Michael A. Romano, and C. William Kilpatrick
The Tetraploid Treefrog *Hyla versicolor*: Evidence for a Single Origin from the Diploid *H. chrysoscelis* 212
Richardson, William S. (see Murphy, Robert W.)
Roble, Steven M. (see Godwin, Gregory J.)
Romano, Michael A. (see Ralin, Dennis B.)
Sallaberry, M. (see Diaz, N.)
Schafer, Susan F. and C. O'Neil Krekorian
Agonistic Behavior of the Galapagos Tortoise, *Geochelone elephantopus*, with Emphasis on Its Relationship to Saddle-Backed Shell Shape 448
Schwartz, Joshua J. and Kentwood D. Wells
The Influence of Background Noise on the Behavior of a Neotropical Treefrog, *Hyla ebraccata* 121
Schwenk, Kurt (see Jaksić, Fabian M.)
Semlitsch, Raymond D.
Growth and Metamorphosis of Larval Red Salamanders (*Pseudotriton ruber*) on the Coastal Plains of South Carolina 48
Sever, David M.
Cloacal Anatomy of Male Salamanders in the Plethodontid Subfamily Desmognathinae 16
Shine, Richard
Reptilian Reproductive Modes: The Oviparity–Viviparity Continuum 1
Spolsky, Christina (see Wright, John W.)
Statement of Ownership and Management 463
Summary of Business Conducted at the Annual Meeting of the Herpetologists' League 464
Tanner, Wilmer W.
Major Chapman Grant (1888–1983) 330
Thorpe, Roger S. and Michael R. Giddings
The Biochemistry of Keratin in Green Geckos (*Phelsuma*) and its Systematic Value 399
Tinkle, Donald W. (see Congdon, Justin D.)
Topical Index for Volume 39 475
Trauth, Stanley E.
Reproductive Biology and Spermathecal Anatomy of the Dwarf Salamander (*Eurycea quadridigitata*) in Alabama 9
Troyer, Katherine
The Biology of Iguanine Lizards: Present Status and Future Directions 317
Uzzell, Thomas
An Immunological Survey of Italian Water Frogs (Salientia: Ranidae) 225
van Loben Sels, Richard C. (see Congdon, Justin D.)
Vitt, Laurie J.
Ecology of an Anuran-Eating Guild of Terrestrial Tropical Snakes 52
Tail Loss in Lizards: The Significance of Foraging and Predator Escape Modes 151
Wallace, Richard L. (see Howard, James H.)
Wells, Kentwood D. (see Schwartz, Joshua J.)
Wright, John W., Christina Spolsky, and Wesley M. Brown
The Origin of the Parthenogenetic Lizard *Cnemidophorus laredoensis* Inferred for Mitochondrial DNA Analysis 410
Zimmerman, Barbara L.
A Comparison of Structural Features of Calls of Open and Forest Habitat Frog Species in the Central Amazon 235